

FIG. 1

FIG. 2

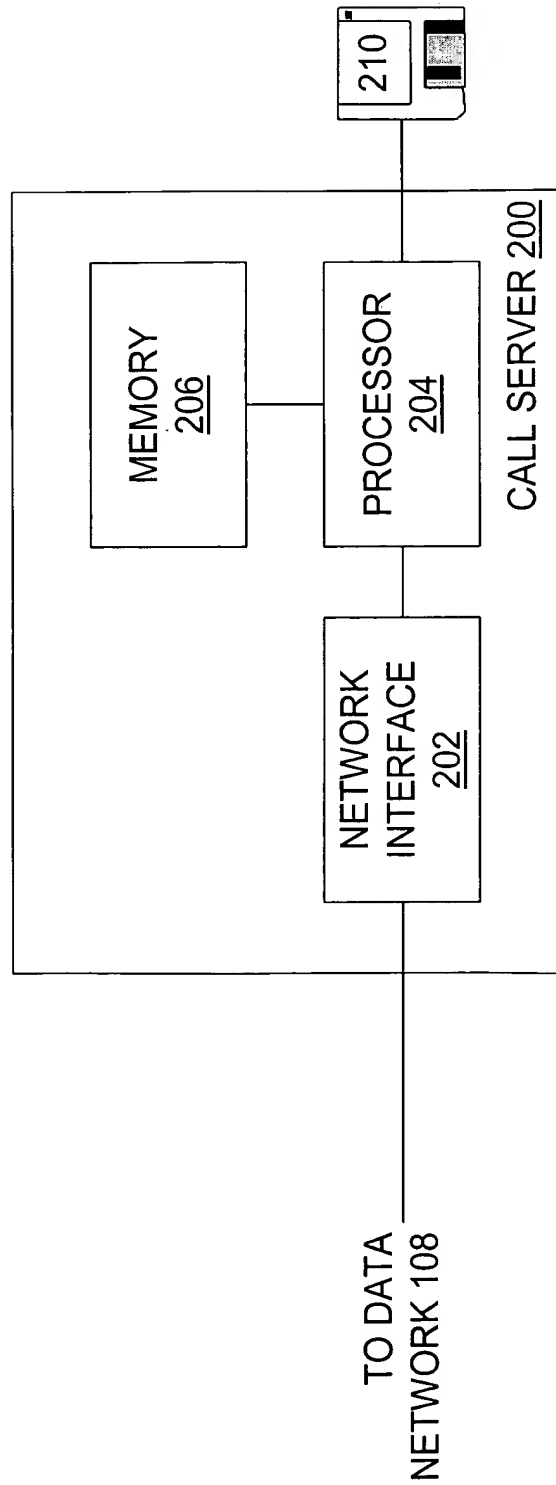


FIG. 2

FIG. 3 is a block diagram of an Intelligent Media Gateway (IMG) 300. The IMG 300 includes a Micro-Processor 308, Memory 306, Memory 310, a Digital Signal Processor (DSP) 304, a Telephone Network Interface 316, a Data Network Interface 302, and a Modem 314. The Micro-Processor 308 is connected to Memory 306, Memory 310, the DSP 304, and the Data Network Interface 302. The DSP 304 is connected to the Telephone Network Interface 316. The Telephone Network Interface 316 is connected to a Telephone or PBX. The Data Network Interface 302 is connected to a Data Network 108. The Modem 314 is connected to the Micro-Processor 308.

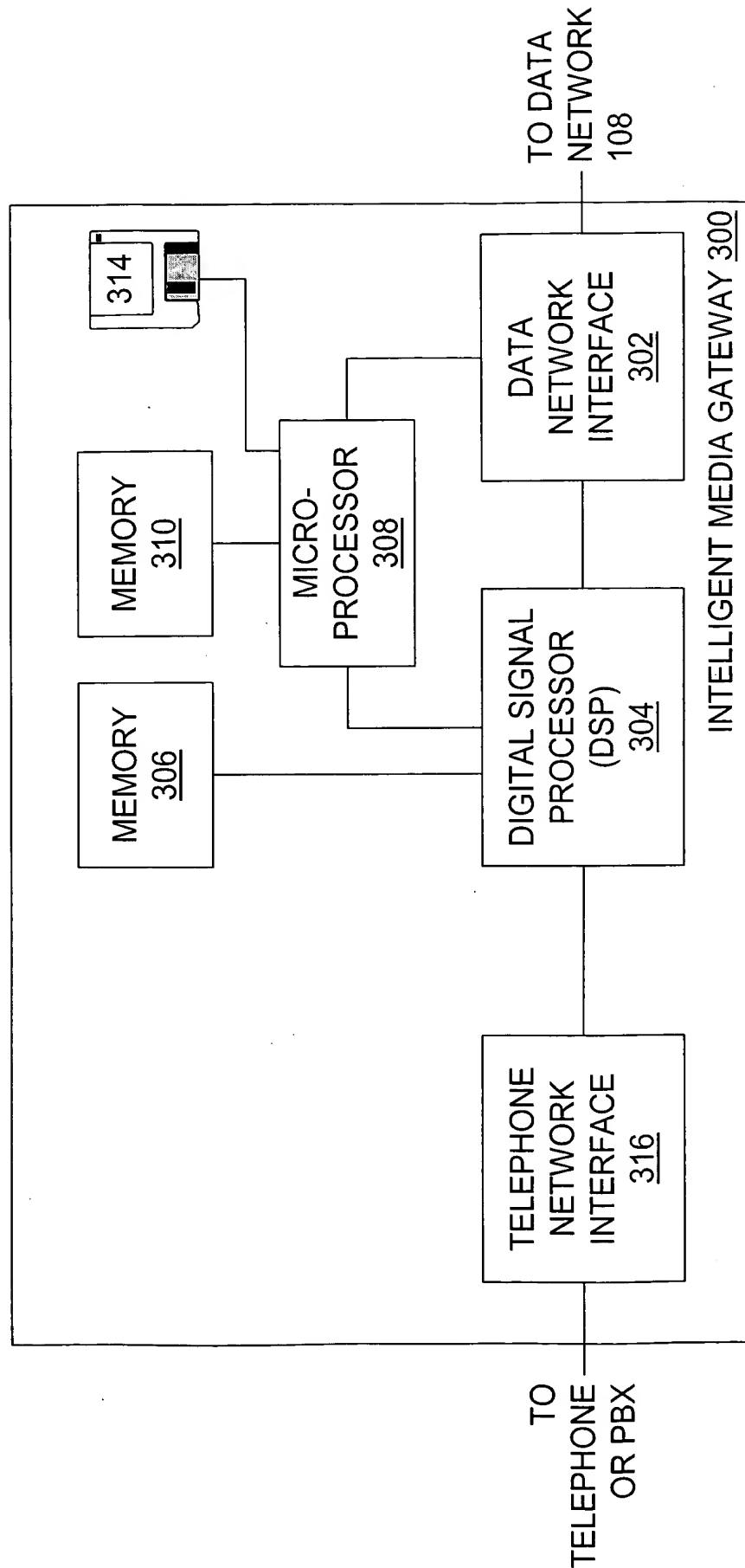


FIG. 3

FIG. 4A

FIG. 4A	FIG. 4B
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FIG. 4

400 ↗

CALLED IP ADDRESS	CALLING IP ADDRESS	CALL REFERENCE NUMBER	CALLED NUMBER	CALLING NUMBER	QUALITY OF SERVICE
10.0.0.1	10.0.0.4	123456	(416)967-1111	(905)738-5194	MAXIMIZE RELIABILITY
192.68.0.1	49.63.35.7	456789	(416)555-1234	(416)555-5678	MINIMIZE DELAY
24.48.16.2	27.45.162.9	718293	(416)555-9874	(416)555-5632	MINIMIZE COST

FIG. 4A

FIG. 4B is a table showing the number of packets sent and received, the time the call has been active, and the number of packets lost (percent) for different types of calls (coding algorithms).

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TYPE OF CALL (CODING ALGORITHM)	TIME CALL HAS BEEN ACTIVE	NUMBER OF PACKETS SENT	NUMBER OF PACKETS RECEIVED	LOST PACKETS (PERCENT)
VOICE (G.711)	01:15:03.34	69,671,111	69,531,769	0.2%
VIDEO (H.261)	00:28:36.29	165,551,234	164,889,029	0.4%
FAX (TIFF)	00:06:54.78	559,874	554,275	1.0%

FIG. 4B